Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020722\
Data File : BG052304.D
Acq On : 7 Feb 2022 14:17
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 07 15:38:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:36:41 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.222	152	27048	20.000	ng		0.00
21) Naphthalene-d8	11.066	136	120188	20.000	ng	#	0.00
39) Acenaphthene-d10	14.872	164	89302	20.000	ng		0.00
64) Phenanthrene-d10	17.621	188	220048	20.000	ng		0.00
76) Chrysene-d12	21.933	240	216154	20.000	ng		0.00
86) Perylene-d12	25.399	264	220964	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.755	112	66681	39.039	ng		0.00
7) Phenol-d6	7.371	99	102305	39.937	ng		0.00
23) Nitrobenzene-d5	9.397	82	115054	36.850	ng		0.00
42) 2,4,6-Tribromophenol	16.358	330	53725	39.884	ng		0.00
45) 2-Fluorobiphenyl	13.492	172	266188	39.990	ng		0.00
79) Terphenyl-d14	20.212	244	525744	41.532	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	15142	18.605	ng		92
3) Pyridine	3.993	79	45847	19.162	ng		97
4) n-Nitrosodimethylamine	3.899	42	22973	17.135	ng		81
6) Aniline	7.529	93	59292	19.866	ng		99
8) 2-Chlorophenol	7.782	128	36614	20.802	ng		94
9) Benzaldehyde	7.341	77	33738m	17.137	ng		
10) Phenol	7.394	94	50519	20.125	ng		99
11) bis(2-Chloroethyl)ether	7.623	93	39617	20.858	ng		95
12) 1,3-Dichlorobenzene	8.117	146	41286	20.160	ng		92
13) 1,4-Dichlorobenzene	8.264	146	41812	20.615	ng		99
14) 1,2-Dichlorobenzene	8.587	146	43023	21.616	ng		97
15) Benzyl Alcohol	8.457	79	43141	20.231	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.751	45	56014	18.447	ng		99
17) 2-Methylphenol	8.669	107	32865	19.694	ng		93
18) Hexachloroethane	9.327	117	14548	19.979	ng		92
19) n-Nitroso-di-n-propyla...	9.027	70	39346	20.132	ng		89
20) 3+4-Methylphenols	8.992	107	48433	20.789	ng		97
22) Acetophenone	9.051	105	65300	19.283	ng	#	96
24) Nitrobenzene	9.438	77	54002	18.284	ng		91
25) Isophorone	9.961	82	98483	18.861	ng		99
26) 2-Nitrophenol	10.161	139	22451	19.828	ng		90
27) 2,4-Dimethylphenol	10.214	122	33887	19.640	ng		91
28) bis(2-Chloroethoxy)met...	10.443	93	54459	18.658	ng	#	97
29) 2,4-Dichlorophenol	10.707	162	39232	19.438	ng		98
30) 1,2,4-Trichlorobenzene	10.925	180	47595	19.728	ng		98
31) Naphthalene	11.113	128	128750	19.791	ng		96
32) Benzoic acid	10.331	122	16992	13.133	ng		89
33) 4-Chloroaniline	11.213	127	54635	19.420	ng		97
34) Hexachlorobutadiene	11.400	225	31131	18.318	ng		95
35) Caprolactam	11.964	113	15403	18.972	ng		94
36) 4-Chloro-3-methylphenol	12.323	107	46656	19.210	ng		93
37) 2-Methylnaphthalene	12.710	142	95580	19.581	ng		97
38) 1-Methylnaphthalene	12.928	142	91999	19.572	ng		100
40) 1,2,4,5-Tetrachloroben...	13.075	216	59893	19.879	ng		98
41) Hexachlorocyclopentadiene	13.057	237	23066	12.935	ng		98
43) 2,4,6-Trichlorophenol	13.310	196	39033	19.060	ng		95

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44) 2,4,5-Trichlorophenol	13.386	196	42448	19.078	ng		95
46) 1,1'-Biphenyl	13.703	154	136952	20.281	ng		97
47) 2-Chloronaphthalene	13.750	162	103762	19.671	ng		100
48) 2-Nitroaniline	13.944	65	36558	17.923	ng		99
49) Acenaphthylene	14.596	152	170241	20.144	ng		100
50) Dimethylphthalate	14.308	163	142289	19.335	ng		100
51) 2,6-Dinitrotoluene	14.432	165	29530	19.028	ng		92
52) Acenaphthene	14.937	154	109193	19.530	ng		99
53) 3-Nitroaniline	14.761	138	32488	19.276	ng		99
54) 2,4-Dinitrophenol	14.966	184	15112	16.602	ng		92
55) Dibenzofuran	15.266	168	174684	19.856	ng		98
56) 4-Nitrophenol	15.066	139	24519	18.314	ng	#	86
57) 2,4-Dinitrotoluene	15.219	165	43813	19.772	ng		88
58) Fluorene	15.918	166	140908	19.619	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.489	232	40047	18.445	ng	#	99
60) Diethylphthalate	15.665	149	142904	18.630	ng		98
61) 4-Chlorophenyl-phenyle...	15.900	204	80744	19.774	ng		93
62) 4-Nitroaniline	15.924	138	33943	18.933	ng	#	86
63) Azobenzene	16.194	77	148903	18.441	ng		96
65) 4,6-Dinitro-2-methylph...	15.988	198	26725	18.995	ng		88
66) n-Nitrosodiphenylamine	16.112	169	123659	20.040	ng		98
67) 4-Bromophenyl-phenylether	16.799	248	55115	20.831	ng		98
68) Hexachlorobenzene	16.928	284	59171	20.846	ng		97
69) Atrazine	17.052	200	50058	18.648	ng		91
70) Pentachlorophenol	17.269	266	25898	16.050	ng		93
71) Phenanthrene	17.663	178	234527	20.373	ng		96
72) Anthracene	17.751	178	229340	20.408	ng		99
73) Carbazole	18.021	167	228294	20.299	ng		97
74) Di-n-butylphthalate	18.561	149	248567	19.741	ng		99
75) Fluoranthene	19.666	202	305092	20.264	ng		100
77) Benzidine	19.830	184	102130	16.351	ng		99
78) Pyrene	20.024	202	306993	20.699	ng		98
80) Butylbenzylphthalate	20.894	149	102030	19.286	ng		98
81) Benzo(a)anthracene	21.916	228	299908	20.212	ng		98
82) 3,3'-Dichlorobenzidine	21.816	252	104809	19.368	ng		98
83) Chrysene	21.986	228	282639	20.228	ng		98
84) Bis(2-ethylhexyl)phtha...	21.798	149	140491	18.895	ng		100
85) Di-n-octyl phthalate	23.091	149	237193	18.972	ng		95
87) Indeno(1,2,3-cd)pyrene	29.394	276	334261	20.891	ng	#	98
88) Benzo(b)fluoranthene	24.295	252	285497	20.456	ng		95
89) Benzo(k)fluoranthene	24.365	252	285656	20.684	ng		99
90) Benzo(a)pyrene	25.235	252	241006	20.331	ng		100
91) Dibenzo(a,h)anthracene	29.458	278	279188	21.099	ng		97
92) Benzo(g,h,i)perylene	30.657	276	271808	20.939	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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